

MAGNETS

1. Fill in the blanks with the correct word from the drop-down box.

Magnets are pieces of _____, usually _____ or _____, that are able to _____ certain kinds of other _____.

2. Draw a line to match the word to its definition.

(A) Magnetism

The area surrounding a magnet where its force can affect.

(B) Attraction

The force drawing objects to a magnet.

(C) Magnetic Field

When pieces of metal such as iron or steel are pulled to a magnet.

3. What are the two ends of a magnet called?

- (a) Top and bottom
- (b) North and south poles.
- (c) Front and back ends.

4. Drag the correct word from the box and drop it in the box to correctly complete the sentence.

attract	0	repel
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(i) The different poles of magnets always each other.

(ii) The same poles of magnets always each other.

5. Type in the correct word to complete the sentence and correctly describe each type of magnet.

I. The _____ magnet is a piece of metal that is made magnetic by another magnet's magnetic field and then loses its magnetism after a while.

II. The _____ magnet is a piece of metal, like iron or nickel, that is chemically or naturally made magnetic and does not lose its magnetism.

III. The _____ magnet is a piece of metal that is inside a metal coil while that coil has an electric current running through it.

6. Is the following statement true or false?

"The Earth has a core made of iron and nickel so it creates its own magnetic field."

TRUE

FALSE